



Electronic Engineering and Design Services

We offer the expertise, and experience of a large engineering design house with the personal attention of a small business.

Our clients range in technical ability from start ups with no expertise to highly skilled technical firms who are short staffed. We have designs in almost every industry,

- consumer electronics
- industrial controls
- medical
- bio medical
- instrumentation
- telcom
- CATV
- avionics / military

Capabilities

Electronic Prototype Development

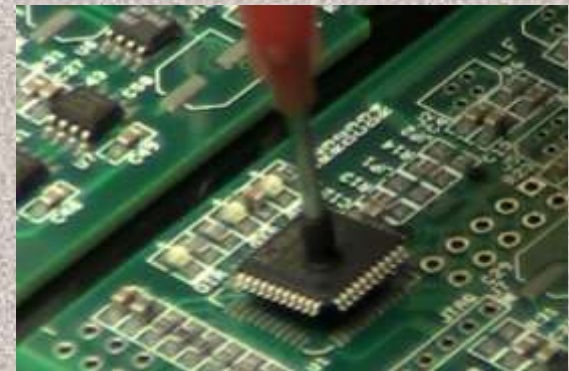
RJS Electronics can develop the electronics you need inside your product. Below are some of the expertise we offer. Please see our Portfolio for samples of past projects.

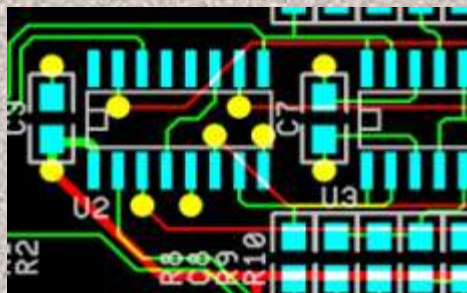


Prototype Surface Mount Technology SMT Assembly

Low volume / prototype assembly.

Prototype assembly is done by the original designer.





PCB layout / Printed Circuit Board layout

Experience with several CAD / EDA packages, Altium preferred. Multi layer, Thru Hole, SMT / Surface Mount Technology, Rigid / Flex, Controlled Impedance, Manual routing is standard.



FPGA

Xilinx / Altera / Lattice

Schematic entry preferred

Experience with many tools, CUPL, OHDL, VHDL, Verilog, State Diagrams

Microchip Design Partner

Working with Microchip PIC microcontrollers since 1986
over 50 Microchip designs

Recruited by Microchip to be a design partner in 2006.

The Microchip logo is a trademark of Microchip Technology Inc.



Portfolio

Golf



This electronic putter monitors 9 axis of means accelerometer to record your swing. Data is stored on a standard SD memory card as well as transferred to a PC via Zigbee wireless network. Your swing is graphically displayed showing your swing path and acceleration.

Oxygen Sensor Controller



Sometime research requires a special piece of instrumentation not currently available on the market. This is a full featured, lab grade power supply. This power supply can regulate voltage to micro volt, or current to micro amp levels, with a Kelvin connection, and is configurable via RS232 PC communications interface.



**For more information please
visit**

<http://www.rjs-electronics.com>